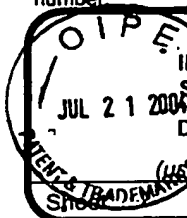


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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Number	10/689,547	
	Date Submitted: 7/21/04		Filing Date	10/21/2003	
	(Use as many sheets as necessary)		First Named Inventor	Percy Van Crocker	
	1	of	2	Group Art Unit	2612 1756
			Examiner Name	Unassigned John Ruggles	
		Attorney Docket Number		083847-0198	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JSR	A1	4,200,668		Segal et al.	04-29-1980	
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	A4	5,294,465		Gallagher	03-15-1994	
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	A6	5,747,120		McLean, II et al.	05-05-1998	
	A7	5,751,683		Kley	05-12-1998	
	A8	5,756,997		Kley	05-26-1998	
	A9	5,772,905		Chou	06-30-1998	
	A10	5,798,193		Pierrat et al.	08-25-1998	
	A11	5,854,487		Braunstein et al.	12-29-1998	
	A12	5,879,860		Rosolen et al.	03-09-1999	
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	A22	6,165,649		Grenon et al.	12-26-2000	
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	A27	6,309,580	B1	Chou	10-30-2001	
	A28	6,310,342		Braunstein et al.	10-30-2001	
	A29	6,322,938	B1	Cohn	11-27-2001	
	A30	6,337,479	B1	Kley	01-08-2002	
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	A32	6,373,976	B1	Pierrat et al.	04-16-2002	
	A33	6,398,966		Lewis et al.	05-28-2002	
	A34	6,410,935	B1	Rajh et al.	06-25-2002	
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	A38	6,635,311		Mirkin et al.	10-21-2003	
	A39	2002/0063212	A1	Mirkin et al.	05-30-2002	
	A40	2002/0122873	A1	Mirkin et al.	09-05-2002	
	A41	2003/0162004	A1	Mirkin et al.	08-28-2003	

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/John Ruggles/

Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: <u>7/21/04</u> (use as many sheets as necessary)				Applicant Number	10/689,547
				Filing Date	10/21/2003
				First Named Inventor	Percy Van Crocker
				Group Art Unit	2642 1756
				Examiner Name	Unassigned John Ruggles
Sheet	2	of	2	Attorney Docket Number	083847-0198

U.S. PATENT DOCUMENTS					
		U.S. Patent Document			
JSR	A42	2004/0026007	A1	Hubert et al.	02-12-2004
JSR	A43	2004/0101469	A1	Demers	05-27-2004

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
JSR	A44	WO	98/34092	A2	Rave, L.L.C.	08-06-1998		
JSR	A45	WO	03/019238	A2	Aaron Lewis	03-06-2003		
JSR	A46	WO	03/021297	A2	Aaron Lewis	03-13-2003		

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ⁶
JSR	A47	K. LIEBERMAN et al., "Near-field optical photomask repair with a femtosecond laser", <i>Journal of Microscopy</i> , Vol. 194, Pt 2/3, May/June 1999, pp. 537-541.					
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	A50	http://www.micromagazine.com/archive/99/10/prodact1.htm , "Machine Vision Software Improves Accuracy of Photomask Repair System", Oct. 99.					
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JSR	A52	NAKAMURA, "Divot defect repair on a deep ultraviolet SiNx halftone mask", <i>American Vacuum Society</i> (1996), pp. 3892-3895					

Examiner Signature	/John Ruggles/	Date Considered	05/11/2006
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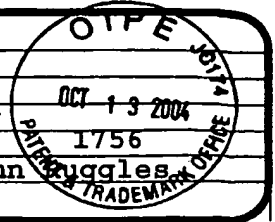
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: October 13, 2004 (use as many sheets as necessary)		Complete if Known Application Number: 10/689,547 Filing Date: 10/21/2003 First Named Inventor: Percy Van Crock r Group Art Unit: 2012 Examiner Name: Unassigned John Ruggles Attorney Docket Number: 083847-0198	
Sheet	1	of	1



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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
JSR	B1	WO	00/41213	A	Northwestern Univ.	07-13-2000	
JSR	B2	WO	01/91855	A1	Northwestern Univ. et al.	12-06-2001	
JSR	B3	WO	02/45215	A	Mirkin et al.	06-06-2002	

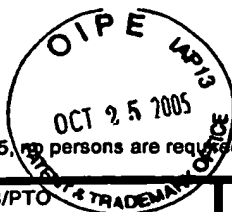
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JSR	B4	TODD, B., et al., "Atomic force metrology and 3D modeling of micro-trenching in etched photomask features", PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, PROC. SPIE-INT. SOC. OPT. ENG, vol. 4409, pp. 618-631 (July 2002).		
JSR	B5	Copy of International Search Report dated 8/12/2004		

Examiner Signature	/John Ruggles/	Date Considered	05/11/2006
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Substitute for form 1449B/PTO		Compl te If Known	
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Date Submitted: October 25, 2005		10/689,547	
(use as many sheets as necessary)		Filing Date	
		10/21/2003	
		First Name of Inventor	
		Crocker	
		Group Art Unit	
		1756	
		Examiner Name	
		Ruggles	
Sheet 1 of 3		Attorney Docket Number	
		083847-0198	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JSR	C1	4,160,049		Narcus	07-03-1979	
	C2	5,104,684		Tao	04-14-1992	
	C3	5,441,386		Hsieh	08-15-1995	
	C4	5,980,998		Sharma et al.	11-09-1999	
	C5	6,090,507		Grenon et al.	07-18-2000	
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	C15	2003/0127441		Haight et al.	07-10-2003	
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	C17	11/056,304 2005/0255237		Zhang et al.	02-14-2005 11/17/05 (JSR)	
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FOREIGN PATENT DOCUMENTS						
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JSR	C19	ALI, M. B., et al., "Atomic Force Microscope Tip Nanoprinting of Gold Nanoclusters", Langmuir, vol. 18, pp. 872-876 (2002).	
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Examiner Signature		Date Considered	5/11/06
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Substitute for form 1449B/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Applicati n Number	10/689,547
			Filing Dat	10/21/2003
			First Nam d Inventor	Crocker
			Group Art Unit	1756
			Examiner Name	Ruggles
Date Submitted: October 25, 2005 (use as many sheets as necessary)			Attorney Docket Number	083847-0198
Sheet	2	of	3	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
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Examiner Signature		Date Considered	5/11/06
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			Filing Date	10/21/2003	
			First Named Invent r	Cr ck r	
			Group Art Unit	1756	
			Examiner Name	Ruggles	
Sheet	3	of	3	Attorney Docket Number	083847-0198

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JSR	C37	TSUBOKAWA, N., et al., "Carbon Black/Alumina Gel Composite: Preparation by Sol-Gel Process in the Presence of Polymer-Grafted Carbon Black and Its Electric Properties", J. Poly. Sci. Part A-Polymer Chemistry, vol. 37, no. 18, pp. 3591-3597 (1999).		
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	C40	WILBUR, J. L., et al., "Microfabrication by Microcontact Printing of Self-Assembled Monolayers", Adv. Mater., vol. 6, no. 7/8, pp. 600-604 (1994).		
	C41	WILSON, O., et al., "Laser Writing in Polarized Silver Nanorod Films", Adv. Mater., vol. 14, no. 13, pp. 1000-1004 (2002).		
	C42	WOLF, S., et al., <u>Silicon Processing for the VLSI Era</u> , Lattice press, Sunset Beach, CA, pp. 485-486 (1986).		
	C43	WUELFING, W. P., et al., "Monolayer-Protected Clusters: Molecular Precursors to Metal Films", Chem. Mater., vol. 13, pp. 87-95 (2001).		
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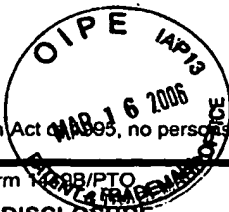
Examiner Signature	<i>John Ruggles</i>	Date Considered	5/11/06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/689,547
			Filing Date	10/21/2003
			First Named Inventor	Percy VAN CROCKER et al.
			Group Art Unit	1756
			Examiner Name	John S. Ruggles
			Attorney Docket Number	083847-0198
(use as many sheets as necessary)				
Sheet	1	of	1	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JSR	D1	6,197,455	B1	YEDUR et al.	03-06-2001	

U.S. PATENT APPLICATION DOCUMENTS						
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FOREIGN PATENT DOCUMENTS								
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Examiner Signature	/John Ruggles/	Date Considered	05/11/2006
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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